


NWS Form E-5 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS	HYDROLOGIC SERVICE AREA: Pocatello, Idaho
	REPORT FOR: MONTH: August YEAR: 2005
TO: Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	SIGNATURE  Sherrie Hebert Service Hydrologist DATE: August 16, 2005
When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (NWS Instruction 10-924).	

X An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.

Precipitation varied across Eastern Idaho from more than double in Blackfoot to none at Stanley. Most August precipitation fell in the eastern section of the Pocatello Hydrologic Service Area (HSA) and decreased dramatically to the west.

Other Hydrologic Interests

Precipitation

August precipitation for the Pocatello HSA was only 77.2% of normal for 42 of 43 reporting stations with climate data, according to Western Region Climate Center data. Of the reporting stations, 12 were above normal, and five stations were 20% or less of normal. Stanley tied the monthly record-low precipitation of 0.00 inches set in 1988.

Reservoirs

The Upper Snake River reservoir system is at 30% of capacity¹, down 18% from August 12, 2005.

Reservoir	% Capacity July 31 ²	% Capacity August 31 ³	Percent Change	% of Average ³	% of Last Year ³
American Falls	45	21	-24	52	374
Bear Lake	M	M	n/a	n/a	n/a
Blackfoot	26	21	-5	34	480
Henry's Lake	96	92	-4	107	142
Island Park	55	42	-13	78	134
Little Wood	64	38	-26	132	162
Mackay	60	30	-30	131	2620
Magic	52	27	-25	61	374
Oakley	45	M	n/a	n/a	n/a
Palisades	70	51	-19	70	179
Ririe	72	70	-2	96	154
Lake Walcott	100 ⁴	101 ⁵	1	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR), September 14, 2005; (2) NRCS, July 31, 2005; (3) NRCS, August 31, 2005; (4) BOR, August 12, 2005; (5) BOR, September 14, 2005.

Drought

Much of Eastern Idaho continues to rank as D1, “Moderate”, on the US Drought Monitor. The northern section of the Pocatello HSA along the Idaho/Montana border ranks D2, “Severe”. These rankings are a great improvement over the last four-plus years when Eastern Idaho was primarily in the “Extreme” and “Exceptional” categories.

Hydrologic Product Summary

August 2005 Hydrologic Product Summary

Product	Number Issued
Flash Flood Warning	0
Flash Flood Statement	0
Flood Watch for Flash Flooding	0
Flood Warning	0
Flood Statement	0
Flood Watch for Flooding	0
Urban and/or Small Stream Flood Warning	0
Urban and/or Small Stream Flood Advisory	0
Hydrologic Outlook	0
Hydrologic Statement	0
NOW or Special Weather Statement (with information related to flooding)	0
Local Storm Report related to flooding	0

cc: Melissa Smith, WFO Hydrology Program Manager
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Drought Monitor Mailing List